

recording digital image data in a portable optical disk allocated to each patient via an optical disk drive.

CONSTITUTION: An optical disk allocated to a patient is set to an optical disk drive unit 2 that is attached integrally to a CT apparatus. Next, when the doctor inputs a patient number (ID) of the patient from a keyboard 3, whether the input patient is a new patient or old patient is discriminated by whether or not an ID is stored in the set optical disk. Further, if the patient is a new patient, the ID is written in the optical disk and image data obtained by medical examination is also written therein. Furthermore, if the patient is an old patient, an input ID is collated with the ID stored in the optical disk, and when those ID are coincide with each other, a result of medical examination and an image resulting from the examination are written therein. If they do not coincide with each other, an optical disk allocated to a patient is searched for and is set to the optical disk drive unit.

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MEDICAL PICTURE MANAGEMENT DEVICE

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ABSTRACT

PURPOSE: To retrieve a picture without requiring a picture data base device by retrieving the picture based on a picture information table.

CONSTITUTION: A picture storing and retrieving device 11 which stores and retrieves medical pictures converted to digital data is provided with an internal picture storage device where pictures are recorded, and an external picture storage device (optical disk device 12 in this case) whose capacity is larger than that of the internal picture storage device and access time is longer than that of the internal picture storage device is externally connected. The picture storing and retrieving device 11 is provided with a picture information table (internal picture information table) T1 for pictures recorded in the internal picture storage device and a picture information table (external picture information table) T2 for pictures recorded in the optical disk device 12. The picture is retrieved based on these picture information tables T1 and T2. The same format is given to individual records in the internal picture information table T1 and the external picture information table T2.

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METHOD AND DEVICE FOR HIERARCHICALLY MANAGING IMAGE DATA

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